

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Bukh et al.

App. No. : 10/009,002  
Filed : December 3, 2001  
Title : INFECTIOUS CDNA CLONE  
OF GB VIRUS B AND USES  
THEREOF  
Art Unit : Unknown  
Examiner : Unknown

ASSOCIATE POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

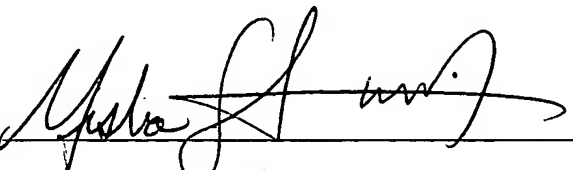
Dear Sir or Madam:

The undersigned attorney of record, pursuant to the provisions of 37 C.F.R. §§ 1.33 and 1.34, and M.P.E.P. § 402.02, hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, California 92614, telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected herewith.

Done on this 13 day of May, 2003, at Rockville, Maryland.

UNITED STATES DEPARTMENT OF HEALTH  
AND HUMAN SERVICES

**Michael Shmilovich, J.D.**  
**Registration No. 45, 634**  
**Technology Licensing Specialist**  
**NIH-Division of Technology**  
**Development and Transfer**  
**6011 Executive Blvd., Suite 325**  
**Rockville, MD 20852**

By:   
Printed Name: MICHAEL SHMILOVICH  
Registration No.: 45,634

for:  
Office of Technology Transfer  
National Institutes of Health

6011 Executive Boulevard, Suite 325  
Rockville, MD 20852  
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**DHHS CASE NO. E-173-1999/1**

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**POWER OF ATTORNEY BY ASSIGNEE UNDER 37 C.F.R. § 3.73(b)**  
**AND**  
**EXCLUSION OF INVENTOR UNDER 37 C.F.R. § 3.71**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir or Madam:

The United States Department of Health and Human Services is assignee of the entire right, title and interest in and to the above-identified application, as shown by the assignment recorded on January 13, 2003, at Reel 013588, Frame 0672, in the patent assignment records of the U.S. Patent and Trademark Office. This recorded Assignment has been reviewed by the undersigned, who certifies that, to the best of his or her knowledge and belief, title is in the assignee.

Said assignee hereby revokes any previous Powers of Attorney in the subject application and appoints the registrants of National Institutes of Health Offices of Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852, telephone (301) 496-7056, **Customer No. 005318** as its attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

Said appointment is to the exclusion of the inventor(s) and their attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

The National Institutes of Health Office of Technology Transfer has been duly delegated responsibility for such patent matters under the authority of the Department of Health and Human

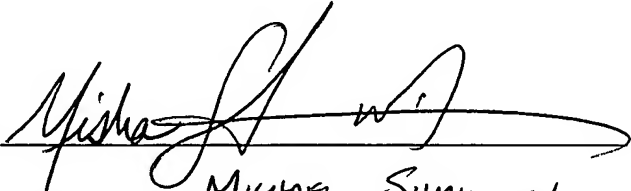
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Services Secretary Louis W. Sullivan's May 21, 1991 memorandum appearing in the Friday, June 7, 1991 Federal Register Notices at Vol. 56, No. 110, pp. 26418-26419. The undersigned is authorized to exercise such authority in this matter.

Done on this 13 day of May, 2003, at Rockville, Maryland.

UNITED STATES DEPARTMENT OF HEALTH  
AND HUMAN SERVICES

**Michael Shmilovich, J.D.**  
**Registration No. 45, 634**  
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